

SEQUENCE LISTING

<110> bioMérieux
Institut National de la Santé et de la Recherche Médicale

<120> Isolated cytotoxic factor associated to multiple sclerosis and method of detecting said cytotoxic factor

<130> SEP 25

<160> 3

<170> PatentIn version 3.1

<210> 1
<211> 193
<212> PRT
<213> Artificial sequence

<220>
<223> recombinant protein

<400> 1

Met Gln Ser Leu Met Gln Ala Pro Leu Leu Ile Ala Leu Gly Leu Leu
1 5 10 15

Leu Ala Ala Pro Ala Gln Ala His Leu Lys Lys Pro Ser Gln Leu Ser
20 25 30

Ser Phe Ser Trp Asp Asn Cys Asp Glu Gly Lys Asp Pro Ala Val Ile
35 40 45

Arg Ser Leu Thr Leu Glu Pro Asp Pro Ile Ile Val Pro Gly Asn Val
50 55 60

Thr Leu Ser Val Met Gly Ser Thr Ser Val Pro Leu Ser Ser Pro Leu
65 70 75 80

Lys Val Asp Leu Val Leu Glu Lys Glu Val Ala Gly Leu Trp Ile Lys
85 90 95

Ile Pro Cys Thr Asp Tyr Ile Gly Ser Cys Thr Phe Glu His Phe Cys
100 105 110

Asp Val Leu Asp Met Leu Ile Pro Thr Gly Glu Pro Cys Pro Glu Pro
115 120 125

Leu Arg Thr Tyr Gly Leu Pro Cys His Cys Pro Phe Lys Glu Gly Thr
130 135 140

Tyr Ser Leu Pro Lys Ser Glu Phe Val Val Pro Asp Leu Glu Leu Pro
145 150 155 160

Ser Trp Leu Thr Thr Gly Asn Tyr Arg Ile Lys Ser Val Leu Ser Ser
165 170 175

Ser Gly Lys Arg Leu Gly Cys Ile Lys Ile Ala Ala Ser Leu Lys Gly
180 185 190

Ile

<210> 2
 <211> 193
 <212> PRT
 <213> Artificial sequence

 <220>
 <223> recombinant protein

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Met	Gln	Ser	Leu	Met	Gln	Ala	Pro	Leu	Leu	Ile	Ala	Leu	Gly	Leu	Leu	1	5	10	15
Leu	Ala	Ala	Pro	Ala	Gln	Ala	His	Leu	Lys	Lys	Pro	Ser	Gln	Leu	Ser	20	25	30	
Ser	Phe	Ser	Trp	Asp	Asn	Cys	Phe	Glu	Gly	Lys	Asp	Pro	Ala	Val	Ile	35	40	45	
Arg	Ser	Leu	Thr	Leu	Glu	Pro	Asp	Pro	Ile	Ile	Val	Pro	Gly	Asn	Val	50	55	60	
Thr	Leu	Ser	Val	Met	Gly	Ser	Thr	Ser	Val	Pro	Leu	Ser	Ser	Pro	Leu	65	70	75	80
Lys	Val	Asp	Leu	Val	Leu	Glu	Lys	Glu	Val	Ala	Gly	Leu	Trp	Ile	Lys	85	90	95	
Ile	Pro	Cys	Thr	Asp	Tyr	Ile	Gly	Ser	Cys	Thr	Phe	Glu	His	Phe	Cys	100	105	110	
Asp	Val	Leu	Asp	Met	Leu	Ile	Pro	Thr	Gly	Glu	Pro	Cys	Pro	Glu	Pro	115	120	125	
Leu	Arg	Thr	Tyr	Gly	Leu	Pro	Cys	His	Cys	Pro	Phe	Lys	Glu	Gly	Thr	130	135	140	
Tyr	Ser	Leu	Pro	Lys	Ser	Glu	Phe	Val	Val	Pro	Asp	Leu	Glu	Leu	Pro	145	150	155	160
Ser	Trp	Leu	Thr	Thr	Gly	Asn	Tyr	Arg	Ile	Lys	Ser	Val	Leu	Ser	Ser	165	170	175	
Ser	Gly	Lys	Arg	Leu	Gly	Cys	Ile	Lys	Ile	Ala	Ala	Ser	Leu	Lys	Gly	180	185	190	

Ile

<210> 3
 <211> 193
 <212> PRT
 <213> Artificial sequence

<220>

<223> recombinant protein

<400> 3

Met Gln Ser Leu Met Gln Ala Pro Leu Leu Ile Ala Leu Gly Leu Leu
 1 5 10 15
 Leu Ala Thr Pro Ala Gln Ala His Leu Lys Lys Pro Ser Gln Leu Ser
 20 25 30
 Ser Phe Ser Trp Asp Asn Cys Phe Glu Gly Lys Asp Pro Ala Val Ile
 35 40 45
 Arg Ser Leu Thr Leu Glu Pro Asp Pro Ile Val Val Pro Gly Asn Val
 50 55 60
 Thr Leu Ser Val Val Gly Ser Thr Ser Val Pro Leu Ser Ser Pro Leu
 65 70 75 80
 Lys Val Asp Leu Val Leu Glu Lys Glu Val Ala Gly Leu Trp Ile Lys
 85 90 95
 Ile Pro Cys Thr Asp Tyr Ile Gly Ser Cys Thr Phe Glu His Phe Cys
 100 105 110
 Asp Val Leu Asp Met Leu Ile Pro Thr Gly Glu Pro Cys Pro Glu Pro
 115 120 125
 Leu Arg Thr Tyr Gly Leu Pro Cys His Cys Pro Phe Lys Glu Gly Thr
 130 135 140
 Tyr Ser Leu Pro Lys Ser Glu Phe Ala Val Pro Asp Leu Glu Leu Pro
 145 150 155 160
 Ser Trp Leu Thr Thr Gly Asn Tyr Arg Ile Glu Ser Val Leu Ser Ser
 165 170 175
 Ser Gly Lys Arg Leu Gly Cys Ile Lys Ile Ala Ala Ser Leu Lys Gly
 180 185 190
 Ile